

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	((YU) near2 (MINAKUCHI)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/11 16:09
L2	152	(object\$1 and touch\$3 and (chang\$4 or manipulats\$3) and (type\$1 or characteristic\$1)).CLM.	US-PGPUB	OR	ON	2007/10/11 16:12
L3	72	(image and object\$1 and touch\$3 and (chang\$4 or manipulats\$3) and (type\$1 or characteristic\$1)).CLM.	US-PGPUB	OR	ON	2007/10/11 16:14
L4	15	(image and object\$1 and touch\$3 and (chang\$4 or manipulats\$3) and (type\$1 or characteristic\$1) and propert\$3).CLM.	US-PGPUB	OR	ON	2007/10/11 16:14
S1	19	object with manipulats\$4 with touch\$3 with chang\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 17:57
S2	5	("3673327"   "4887230"   "4914624"   "5174759"   "5347628").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 18:39
S3	20	("5844547").URPN.	USPAT	OR	ON	2007/03/28 18:50
S4	12	("3673327" "4887230" "4914624" "4954967" "5174759" "5347628").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 18:54
S5	6	("4601003"   "4789962"   "4831556"   "5001697"   "5021976"   "5119476").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 15:30
S6	94	("5347628").URPN.	USPAT	OR	ON	2007/03/29 15:33
S7	5	("3673327"   "4887230"   "4914624"   "5174759"   "5347628").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 16:48
S8	5	("3673327"   "4887230"   "4914624"   "5174759"   "5347628").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 16:53
S9	2	("4947156").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:54

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S10	2	("4903012").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:53
S11	2	("5060135").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:55
S12	2	("4914624").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:13
S13	2	("5596346").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:14
S14	2	("5867158").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:14
S15	12	("4831556"   "5196838"   "5305435"   "5333247"   "5384909"   "5404442"   "5493641"   "5495566"   "5528260"   "5611060"   "5655094"   "5726687").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:24
S16	2	("5615384").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:25
S17	2	("5953008").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:26
S18	2	("5347628").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:26

## EAST Search History

S19	19	object with manipulats\$4 with touch\$3 with chang\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 17:57
S20	17244	345/156-184.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 18:26
S21	3640	S20 and @ad<"19911007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 14:54
S22	14	S21 and object\$1 with touch\$4 with chang\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 18:23
S23	6	S21 and manipulats\$4 with object\$1 with touch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 18:26
S24	87502	"345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:13
S25	206	S24 and manipulats\$4 with object\$1 with touch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:13
S26	87620	"345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:20
S27	22505	S26 and @ad<"19911007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:20
S28	0	S27 and manipulats\$4 with object\$1 with (touch\$4 adj1 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:21

## EAST Search History

S29	0	S27 and manipulat\$4 with (touch\$4 adj1 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:21
S30	0	S27 and chang\$4 with(touch\$4 adj1 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:21
S31	4	S27 and chang\$4 with(touch\$4 near3 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:22
S32	18955	715/700-866.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:20
S33	806	S32 and @ad<"19911007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:20
S34	0	S33 and manipulat\$4 with object\$1 with (touch\$4 adj1 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:21
S35	0	S33 and manipulat\$4 with (touch\$4 adj1 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:21
S36	0	S33 and chang\$4 with(touch\$4 adj1 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:22
S37	0	S33 and chang\$4 with (touch\$4 adj1 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:22
S38	1	S33 and chang\$4 with (touch\$4 near3 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:23

## EAST Search History

S39	0	S33 and object\$1 with (touch\$4 near3 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:23
S40	13	S33 and (touch\$4 near3 type\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:24
S41	10	("3482241"   "3673327"   "4110749"   "4121204"   "4386232"   "4414628"   "4459476"   "4476463"   "4521870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/11 14:46
S42	62	("4587630").URPN.	USPAT	OR	ON	2007/10/11 14:54
S43	11	S42 and @ad<"19911007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 14:55